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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF

BUEHLER ET AL.

APPLICATION NO:

FILED:

FOR: pCAR AND ITS USES

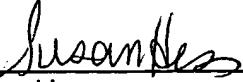
Assistant Commissioner for Patents  
Washington, D.C. 20231

SUBMISSION OF SEQUENCE LISTING  
INCLUDING STATEMENT OF VERIFICATION

Sir:

In accordance with 37 CFR §1.821(f), it is hereby certified that the appended computer readable form of the Sequence Listing (§1.821(e)) is identical to the paper copy of the Sequence Listing that is part of the specification (§1.821(c)).

Respectfully submitted,

  
\_\_\_\_\_  
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Date: July 5, 2001

SEQUENCE LISTING

<110> Thomas Buehler, Reto Andreas Gradient, Reinhard Korn, Rao Movva  
<120> pCAR and its uses

<130> 4-31499A

<160> 4

<170> PatentIn version 3.0

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gccttgacct ccggccggcc gggccctgcc tgactcagct cttactcag cgctcgcttc 1140

DNA sequence

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act gcc tat ttg cca tgc aga ttt acc ctg ggt cca gaa gac cag ggg Thr Ala Tyr Leu Pro Cys Arg Phe Thr Leu Gly Pro Glu Asp Gln Gly 40 45 50	3381
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200

205

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 Ile Gly Val Leu Leu Ala Leu Val Leu Ile Gly Leu Ile Ile Phe Cys  
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 Cys Arg  
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Asp Gln Gly Pro Leu Asp Ile Glu Trp Leu Leu Ser Pro Ala Asp Asn  
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Gln Lys Val Asp Gln Val Ile Ile Leu Tyr Ser Gly Asp Lys Ile Tyr  
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Asp Asp Tyr Tyr Gln Asp Leu Lys Gly Arg Val His Phe Thr Ser Asn  
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Asp Leu Lys Ser Gly Asp Ala Ser Ile Asn Val Thr Asn Leu Gln Leu  
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Ser Asp Ile Gly Thr Tyr Gln Cys Lys Val Lys Lys Ala Pro Gly Val  
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Gly Asn Lys Lys Ile Gln Leu Thr Val Leu Leu Lys Pro Ser Gly Thr  
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Arg Cys Tyr Val Asp Gly Ser Glu Glu Ile Gly Asn Asp Phe Lys Leu  
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Lys Cys Glu Pro Lys Glu Gly Ser Leu Pro Leu Leu Tyr Glu Trp Gln  
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Lys Leu Ser Asn Ser Gln Lys Leu Pro Thr Leu Trp Leu Ala Glu Met  
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Thr Ser Pro Val Ile Ser Val Lys Asn Ala Ser Thr Glu Tyr Ser Gly  
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Thr Tyr Ser Cys Thr Val Lys Asn Arg Val Gly Ser Asp Gln Cys Leu  
210 215 220

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acc aga agt ttg agt atc act act cct gaa cag atg att gaa aag gcc 96  
Thr Arg Ser Leu Ser Ile Thr Thr Pro Glu Gln Met Ile Glu Lys Ala  
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T D P X R S E G S S S

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gac cag ggg ccg ctg gac atc gag tgg ctg ctg tca cca gct gat aat Asp Gln Gly Pro Leu Asp Ile Glu Trp Leu Leu Ser Pro Ala Asp Asn 50 55 60	192
cag aag gtg gat caa gtg att att tta tat tct gga gac aaa att tat Gln Lys Val Asp Gln Val Ile Ile Leu Tyr Ser Gly Asp Lys Ile Tyr 65 70 75 80	240
gac gac tac tac caa gat ctg aaa gga cga gta cat ttt aca agt aat Asp Asp Tyr Tyr Gln Asp Leu Lys Gly Arg Val His Phe Thr Ser Asn 85 90 95	288
gat ctc aaa tca ggt gat gca tca ata aat gta aca aat cta cag ttg Asp Leu Lys Ser Gly Asp Ala Ser Ile Asn Val Thr Asn Leu Gln Leu 100 105 110	336
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aca tac agc tgt acc gtg aaa aac aga gtg ggc tct gat cag tgc ctg Thr Tyr Ser Cys Thr Val Lys Asn Arg Val Gly Ser Asp Gln Cys Leu 210 215 220	672
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Lys Cys Glu Pro Lys Glu Gly Ser Leu Pro Leu Leu Tyr Glu Trp Gln  
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Thr Ser Pro Val Ile Ser Val Lys Asn Ala Ser Thr Glu Tyr Ser Gly  
195 200 205

Thr Tyr Ser Cys Thr Val Lys Asn Arg Val Gly Ser Asp Gln Cys Leu  
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Leu Arg Leu Asp Val Val Pro Pro Ser Asn Arg Ala Gly Thr Ile Ala  
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Gly Ala Val Ile Gly Val Leu Leu Ala Leu Val Leu Ile Gly Leu Ile  
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Val Phe Cys Cys His Lys Lys Arg Arg Glu Glu Lys Tyr Glu Lys Glu  
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Val His His Asp Ile Arg Glu Asp Val Pro Pro Pro Lys Ser Arg Thr  
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Ser Thr Ala Arg Ser Tyr Leu Gly Ser Asn His Ser Ser Leu Gly Ser  
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Met Ser Pro Ser Asn Met Glu Gly Tyr Ser Lys Thr Gln Tyr Asn Gln  
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Val Pro Ser Glu Asp Phe Glu Arg Ala Pro Gln Ser Pro Thr Leu Pro  
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Val Met Ile Pro Ala Gln Ser Lys Asp Gly Ser Ile Val  
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